



UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No. 00862.023104 First Named Inventor or Application Identifier TOMOCHIKA MURAKAMI Express Mail Label No.																	
APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents.</small>		ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450																	
<table border="0" style="width: 100%;"><tr><td style="width: 50%; vertical-align: top;">1. <input checked="" type="checkbox"/> Fee Transmittal Form <small>(Submit an original, and a duplicate for fee processing)</small></td><td style="width: 50%; vertical-align: top;">7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</td></tr><tr><td style="vertical-align: top;">2. <input type="checkbox"/> Applicant claims small entity status. <small>See 37 CFR 1.27.</small></td><td style="vertical-align: top;">8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small></td></tr><tr><td style="vertical-align: top;">3. <input checked="" type="checkbox"/> Specification Total Pages 114</td><td style="vertical-align: top;">a. <input type="checkbox"/> Computer Readable Form (CRF)</td></tr><tr><td style="vertical-align: top;">4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) Total Sheets 23</td><td style="vertical-align: top;">b. Specification Sequence Listing on:</td></tr><tr><td style="vertical-align: top;">5. <input checked="" type="checkbox"/> Oath or Declaration Total Pages 1</td><td style="vertical-align: top;">i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</td></tr><tr><td style="vertical-align: top;">a. <input checked="" type="checkbox"/> Newly executed (original or copy)</td><td style="vertical-align: top;">ii. <input type="checkbox"/> paper</td></tr><tr><td style="vertical-align: top;">b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 17 completed)</small></td><td style="vertical-align: top;">c. <input type="checkbox"/> Statements verifying identity of above copies</td></tr><tr><td colspan="2" style="vertical-align: top;">i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed Statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small></td></tr><tr><td style="vertical-align: top;">6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</td><td></td></tr></table>			1. <input checked="" type="checkbox"/> Fee Transmittal Form <small>(Submit an original, and a duplicate for fee processing)</small>	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)	2. <input type="checkbox"/> Applicant claims small entity status. <small>See 37 CFR 1.27.</small>	8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small>	3. <input checked="" type="checkbox"/> Specification Total Pages 114	a. <input type="checkbox"/> Computer Readable Form (CRF)	4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) Total Sheets 23	b. Specification Sequence Listing on:	5. <input checked="" type="checkbox"/> Oath or Declaration Total Pages 1	i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or	a. <input checked="" type="checkbox"/> Newly executed (original or copy)	ii. <input type="checkbox"/> paper	b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 17 completed)</small>	c. <input type="checkbox"/> Statements verifying identity of above copies	i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed Statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small>		6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76
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ACCOMPANYING APPLICATION PARTS																			
9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))																			
10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <small>(when there is an assignee)</small>	<input type="checkbox"/> Power of Attorney																		
11. <input type="checkbox"/> English Translation Document <small>(if applicable)</small>																			
12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449	<input checked="" type="checkbox"/> Copies of IDS Citations																		
13. <input type="checkbox"/> Preliminary Amendment																			
14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small>																			
15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small>																			
16. <input type="checkbox"/> Other: _____																			

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

<input type="checkbox"/> Continuation	<input type="checkbox"/> Divisional	<input type="checkbox"/> Continuation-in-part (CIP)	of prior application No. ____/____
Prior application information: Examiner _____			Group/Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	05514 <small>(Insert Customer No. or Attach bar code label here)</small>	or <input type="checkbox"/> Correspondence address below
NAME _____		
Address _____		
City _____	State _____	Zip Code _____
Country _____	Telephone _____	Fax _____



CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS		
	TOTAL CLAIMS (37 CFR 1.16(c))	34-20 =	14	X \$ 18.00 =	\$252.00		
	INDEPENDENT CLAIMS (37 CFR 1.16(b))	21-3 =	18	X \$ 84.00 =	\$1512.00		
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))			\$280.00 =	\$0.00		
				BASIC FEE (37 CFR 1.16(a))	\$750.00		
Total of above Calculations = \$2514.00							
Reduction by 50% for filing by small entity (Note 37 CFR 1.9, 1.27, 1.28).							
TOTAL = \$2514.00							

19. Small entity status

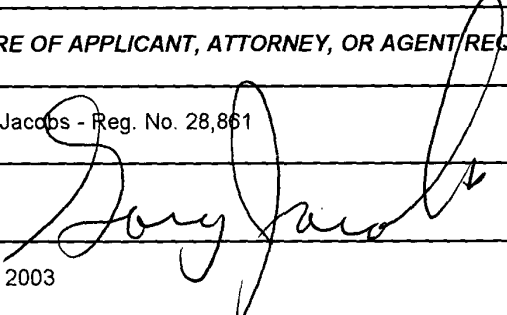
- a. ☐ A small entity statement is enclosed
- b. ☐ A small entity statement was filed in the prior nonprovisional application and such status is still proper and desired.
- c. ☐ Is no longer claimed.

20. ☒ A check in the amount of \$ 2514.00 to cover the filing fee is enclosed.

21. ☒ A check in the amount of \$ 40.00 to cover the recordal fee is enclosed.

22. The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Account No. 06-1205.

- a. ☒ Fees required under 37 CFR 1.16.
- b. ☐ Fees required under 37 CFR 1.17.
- c. ☐ Fees required under 37 CFR 1.18.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED	
NAME	Gary M. Jacobs - Reg. No. 28,861
SIGNATURE	
DATE	June 23, 2003

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

06/24/2003 STEUMEL1 00000039 10600582

01 FC:1001	750.00	OP
02 FC:1202	252.00	OP
03 FC:1201	1512.00	OP